| 1          | UTILITY   | Attorney Docket No.   | 21593                       | _                   |  |                                 |                                    |                         |            |
|------------|---|---|-----------------------------|---------------------|--|---------------------------------|------------------------------------|-------------------------|------------|
| l          | PATENT APPLICATION  | First Inventor or Applicati                                 |                             |                     | rk C. JORD                             |                                 |                                    |                         |            |
| (On        | TRANSMITTAL<br>ly for new nonprovisional applications under 37 CFR 1 53(b))   | STRUCTURE<br>STRUCTURE<br>COMPLIANT                         | AND ME<br>S AND E<br>SUBSTR | ETHO<br>EVIC<br>ATE | D FOR FAB<br>ES UTILIZII<br>HAVING A I | RICATING<br>VG THE F<br>VIOBIUM | SEMICON<br>ORMATION<br>CONCENTR    | DUCTOR<br>OF A<br>ATION |            |
| Г          |   | Assignee Name: MOT  |                             |                     |  |                                 |                                    |                         |            |
| 1          | Assignee Address: 1303 E. Algonquin Road<br>Schaumburg, Illinois 60196-1079   |   |                             |                     |  |                                 |                                    |                         |            |
| 늗          |   |   | ridamba                     | 9, 1111             | 11013 00130                            | -1073                           |                                    |                         |            |
| Į.         | APPLICATION ELEMEN  See MPEP chapter 600 concerning utility patent  | TS<br>application contents                                  | ADDRI                       | ESS 7               | O: Assist<br>Box P<br>Washi            | ant Commatent Applington, DC    | nissioner for<br>lication<br>20231 | Patents                 |            |
| į          |   | /17)<br>ocessing)   |                             | A                   | COMPANY                                | ING APP                         | LICATION F                         | ARTS                    |            |
| ,<br>2     |   | Sheets 48   | 7. ■<br>8. ■                |                     |  |                                 | er sheet & do<br>See 37 CFR        |                         | ۱          |
| ē          |   | Olleets 40  | 9. 🗆                        |                     | C.F.R. §3.73<br>in there is an as      |                                 |                                    | ower of Atto            | ornev      |
| 3          | Formal Drawing(s) Total   | Sheets 7  | 10. 🗆                       |                     |  |                                 | ment (if appl                      |                         |            |
| ŀ          | ,   |   | 11. 🗆                       | Info                | rmation Disc<br>ement (IDS)            | closure                         |                                    | opies of IDS            | 2          |
| ۱4         |   | Pages 3   | 12. 🗆                       |                     | iminary Ame                            |                                 |                                    | itations                | <u>,</u> 8 |
|            | a. Newly executed (original or cop  |   | 13. ■                       |                     | te Advance                             |                                 |                                    |                         | 398        |
|            | Copy from a prior application (3 (for continuation / divisional w/ box     DELETION OF INVENTO  | 17 completed)   | 14. 🗆                       | (if for             | tified Copy of<br>reign priority is    | if Priority I<br>claimed)       | Document(s)                        | ,                       | 9,         |
| C.)        | <ul> <li>DELETION OF INVENTO<br/>Signed statement attached delet<br/>the prior application, see 37 C.F.<br/>1.33(b).</li> </ul>                           | ing inventor(s) named in<br>R. §1.63(d)(2) and              | 15. 🗆                       | App<br>see.         | licant claims<br>37 CFR 1.27           | small ent                       | tity status.                       | Ĭ                       | 3          |
| 55.6       | <ul> <li>CD-ROM or CD-R in duplicate, large<br/>Program (Appendix)</li> </ul>   |   | 16. 🗆                       | Oth                 | ier:                                   |                                 |                                    |                         |            |
| 6.         | <ul> <li>Nucleotide and/or Amino Acid Sequ<br/>(if applicable, all necessary)</li> </ul>  | ence Submission   |                             |                     |  |                                 |                                    |                         |            |
| 1          | a.   Computer Readable Form (CRF  | -)  |                             |                     |  |                                 |                                    |                         | - 1        |
| 35 53      | b. Specification or Sequence Listing or   | n:  |                             |                     |  |                                 |                                    |                         | - 1        |
| \$2.5<br>E | i. □ CD-ROM or CD-R (2 copie  | es); or   |                             |                     |  |                                 |                                    |                         | - 1        |
| H AND A    | ii. □ Paper   |   |                             |                     |  |                                 |                                    |                         |            |
| last.      | c.   Statements verifying identity of   | <del></del>   |                             |                     |  |                                 |                                    |                         |            |
| 17.        | If a CONTINUING APPLICATION, check  ☐ Continuation ☐ Divisional   |   |                             |                     |  |                                 |                                    |                         | Į          |
|            | ☐ Continuation ☐ Divisional  Prior application information: Examine   | ☐ Continuation  | -in-part (                  | CIP)                |  | applicatio<br>Group Art         |                                    |                         | - [        |
| For 0      |   |   | or applicati                | on, from            | m which an oath                        | h or declarati                  | i Onit.<br>ion is supplied i       | under Box 4h i          | is         |
| wher       | CONTINUATION OR DIVISIONAL APPS only: The<br>idered a part of the accompanying continuation or d<br>a a portion has been inadvertently omitted from the s | ivisional application and is<br>submitted application parts | hereby ind                  | corpora             | ted by referenc                        | e. The incor                    | poration can or                    | ılıy be relied'u        | ipon       |
| _          | Amend the specification by inserting before   |   |                             |                     |  |                                 |                                    |                         | $\neg$     |
| _          | This application is a   Continuation  | □ Division  | □ Coi                       | ntinua              | tion-in-part (                         | (CIP)                           |                                    |                         |            |
| _          | of application Serial No. Which was published in English  | Filed on  |                             |                     |  |                                 |                                    |                         | - 1        |
|            | Which was not published in English  |   |                             |                     |  |                                 |                                    |                         | ı          |
|            | This application claims priority of provisi-  | onal application Seria                                      | al No.                      |                     |  | Fi                              | iled                               |                         | - 1        |
|            |   | 19. CORRESPOND  | ENCE A                      | DDRI                | ESS                                    |                                 |                                    |                         | $\dashv$   |
|            |   |   |                             | 11111               |  |                                 |                                    |                         | - 1        |
|            |   |   |                             |                     |  |                                 |                                    |                         |            |
|            |   | 228   | 50                          |                     |  |                                 |                                    |                         |            |
|            |   | (703) 41:<br>ACSIMILE: (7                                   |                             | 2220                |  |                                 |                                    |                         |            |
| -          |   |   | - 5,5                       |                     |  |                                 |                                    |                         | _          |
| ŀ          | Name: Richard L. Treanor, Ph.D.   | /   |                             |                     | Registrat                              | tion No.:                       | 36,379                             |                         | 4          |
| ١          | Signature:  | 2   |                             |                     |  | Detai                           | 11/13                              | 10                      | 1          |
| ı          | Name:   |   |                             |                     | Registrat                              | Date:                           | <del>, .,</del>                    | , _ ,                   | 1          |
|            |   |   |                             |                     |  |                                 |                                    |                         |            |

Docket No. 215930US99

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Dirk C. JORDAN et al. SERIAL NO: New Application

FILING DATE: Herewith

FOR: STRUCTURE AND METHOD FOR FABRICATING SEMICONDUCTOR STRUCTURES AND DEVICES

UTILIZING THE FORMATION OF A COMPLIANT SUBSTRATE HAVING A NIOBIUM

CONCENTRATION

## FEE TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

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Richard L. Treanor, Ph.D. Registration No. 36,379

Respectfully Submitte